



Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				<i>Complete If Known</i>
				Application Number 10/527,635-Conf. #9341
				Filing Date March 14, 2005
				First Named Inventor Martin Volland
				Art Unit 1621
				Examiner Name S. A. Witherspoon
Sheet	1	of	2	Attorney Docket Number 13111-00007-US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (³ if known)			
SW	AA*	US-3,816,452	06-11-1974	Mrowea	
	AB*	US-5,907,045	05-25-1999	Antognazza et al.	
↓	AC*	US-20030022947-A1	06-03-2003	McAtee et al.	
↓	AD*	US-20030055253-A1	12-20-2005	Ahlers et al.	
SW	AE*	US-20060052645-A1	03-09-2006	Volland et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ⁵ -Number- Kind Code ⁶ (if known)				
SW	BA	EP-0 754 715 A2	01-22-1997	BP Chemicals Limited		
	BB	WO-98/42716	10-01-1998	Monsanto Company		
↓	BC	WO-99/52915	10-21-1999	Chemi S.p.A.		
↓	BD	WO-99/52632	10-21-1999	E.I. du Pont de Nemours and Company		
↓	BE	WO-01/85739	01-17-2001	BASF AG		See Abstract
SW	BF	JP-2002-047294	02-12-2002	MITSUBISHI CHEMICALS CORP.		In English

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
SW	CA	Brunner et al., "Optisch aktive Aminophosphane - Synthese und Verwendung in der Rh-katalysierten enantioselektiven Hydrosilylierung", <i>Chem. Ber.</i> , Vol. 118, pp. 3380-3395 (1985).			
	CB	Moloy et al., "N-Pyrrolyl Phosphines: An Unexploited Class of Phosphine Ligands with Exceptional π-Acceptor Character", <i>J. Am. Chem. Soc.</i> , Vol. 117, pp. 7696-7710 (1995).			
	CC	Trzeciak et al., "Novel rhodium complexes with N-pyrrolylphosphines: attractive precursors of hydroformylation catalysts", <i>J. Chem. Soc., Dalton Trans.</i> , pp. 1831-1837 (1997).			
↓	CD	Trzeciak et al., "Rhodium complexes HRh[P(NC ₄ H ₄) ₃] ₄ and HRh(CO)[P(NC ₄ H ₄) ₃] ₃ as active catalysts of olefins and arenes hydrogenation X-ray structure of HRh(CO)[P(NC ₄ H ₄) ₃] ₃ ", <i>Journal of Organometallic Chemistry</i> , Vol. 552, pp. 159-164 (1998).			
↓	CE	Shen et al., "Enthalpies of Reaction of Cp' = C ₅ H ₅ , C ₅ Me ₅ ; COD = Cyclooctadiene) with π-Acceptor Chelating Phosphine Ligands", <i>Organometallics</i> , Vol. 17, No. 14, pp. 3000-3005 (1998).			

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				Examiner Name	S. A. Witherspoon
Sheet	2	of	2	Attorney Docket Number	13111-00007-US

SW	CF	Gimbert <i>et al.</i> , "Synthesis and Characterization of New Binuclear (Co)(0) Complexes with Diposphinoamine Ligands. A Potential Approach for Asymmetric Pauson-Khand Reactions", <i>Journal Organometallic Chemistry</i> , Vol. 64, pp. 3492-3497 (1999).	
	CG	Trzeciak <i>et al.</i> , "Novel rhodium(I) complexes with (2-hydroxyphenyl)diphenylphosphine ligand: catalytic properties and X-ray structures of Rh(OC ₆ H ₄ PPh ₂)(CO)PPh ₃) and Rh(OC ₆ H ₄ PPh ₂)(P(OPh) ₃) ₂ · 0.5C ₆ H ₆ ", <i>Journal of Organometallic Chemistry</i> , Vol. 575, pp. 87-97 (1999).	
	CH	Trzeciak <i>et al.</i> , "Hydroformylation of vinylsilanes with Rh(acac)(CO) ₂ /tris(N-pyrrolyl)phospholine catalytic system", <i>C.R. Acad. Sci. Paris</i> , t. 327, Série II c, p. 235-239 (1999).	
	CI	van der Veen <i>et al.</i> , "New Phosphacyclic Diphosphines for Rhodium-Catalyzed Hydroformylation", <i>Organometallics</i> , Vol. 18, pp. 4765-4777 (1999).	
	CJ	Smith, Jr. <i>et al.</i> , "Synthetic, Structural, and Solution Calorimetric Studies of Pt(CH ₃) ₂ (PP) Complexes", <i>Organometallics</i> , Vol. 19, pp. 1427-1433 (2000).	
	CK	Benincori <i>et al.</i> , "3,3'-Bis(diphenylphosphino)-1,1'-disubstituted-2,2'-biindoles: Easily Accessible, Electron-Rich, Chiral Diphosphine Ligands for Homogeneous Enantioselective Hydrogenation of Oxoesters", <i>J. Org. Chem.</i> , Vol. 65, pp. 8340-8347 (2000).	
↓	CL	Selent <i>et al.</i> , "Neuartige oxyfunktionalisierte Phosphonitliganden für die Hydroformylierung isomerer n-Olefine", <i>Angew. Chem.</i> , Vol. 112, No. 9, pp. 1694-1696 (2000).	
SW	CM	van der Slot <i>et al.</i> , "Rhodium Complexes Based on Phosphorus Diamide Ligands: Catalyst Structure versus Activity and Selectivity in the Hydroformylation of Alkenes", <i>Organometallics</i> , Vol. 19, pp. 2504-2515 (2000).	

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